LODSO458.Ollso?

Please type a plus sign (+) in this box ->

PTO/SB/05 (4-98)
Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

,		Attorney Docket No.: 68.0292						
UTILITY			First Named Inventor or Application Identifier: Hart et al.					
PATENT APPLICATION TRANSMITTAL		Title: EXPANDABLE DEVICES						
_	isional applications under	37 CFR 1.53 (b))	Express Mail Label No.: EV 037 144 042 US					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			Box Patent Application  ADDRESS TO: Assistant Commissioner for Patents Washington, D.C. 20231					
2. Specification  - Descriptive  - Cross Refe  - Statement	ransmittal Form (e.g., PTO/SB/17)  it an original and duplicate for fee processing)  fication [Total Pages: 67]  criptive title of the Invention  s Reference to Related Applications  ement Regarding Fed-sponsored R & D  erence to Microfiche Appendix				Nucleotide and/c (if applicable, all a. □ Computer b. □ Paper Co c. □ Statement	necessary) Readable Copy py t verifying identity	uence Submission of above copies	
- Backgroun	d of the Invention	ı	ACCOMPANYING APPLICATION PARTS					
- Brief Summary of the Invention - Brief Descriptions of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  3. ☑ Drawings (35 U.S.C. 113) [Total Sheets: 43] 4. Oath or Declaration [Total Pages: ] a. ☐ Newly executed (original or copy) b. ☐ Copy from prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 16 completed) i ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). *NOTE FOR ITEMS 1&13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 c.f.r. 1.28).		7. ☐ Assignment papers (cover sheet & document(s))  8. ☐ 37 C.F.R. 3.73(b) Statement ☑ Power of Attorney (when there is an assignee)  9. ☐ English Translation Document (if applicable)  10. ☑ Information Disclosure ☑ Copies of IDS Statement (IDS)/Form 1449 Citations  11. ☐ Preliminary Amendment  12. ☑ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  13. ☐ *Small Entity ☐ Statement filed in prior application, Statement(s) Status is still proper and desired (PTO/SB/09-12)  14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  Other:						
16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner:  Group/Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by								
	rporation can only be relie							
		17. CORRESPON	IDENC	E AD	DRESS			
Customer Number or	Bar Code Label	(Insert customer No. o	or Atta	ch bar	code label here)	or 🗷 Correspor	ndence address below	
	Jeffrey E. Griffin	•						
NAME	Schlumberger Technolo	ogy Corporation, Schlur	nberge	r Res	ervoir Completions			
	14910 Airline Road							
ADDRESS	P.O. Box 1590							
CITY	Rosharon	STATE		Texas		ZIP CODE	77583-1590	
COUNTRY	U.S.	J.S. TELEPHONE			285-5720	FAX (281) 285-5537		
Name (Print/Type) Jeffrey E. Griffin				Registration No. (Attorney/Agent): 36,534				
Signature Surden Hour Statement: This form is estimated to be 0.2 hours to complete. The					and an adding upon the	Date: 1/16/	OZ_	

Duruen Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR DOMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (12-98)

Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE of formation unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<del></del>			l respond	10 4 00110	otion of in	ionnation		te if Known		1
FEE TRANSMITTAL							Complet	e ii Kilowii		
			Application Number							
For FY 2002			Filing Date							
Patent fees are subject to annual revision.							lart et al.			
Small Entity payments must be supported by a small entity statement,			Group Art Unit							
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.			Examiner Name							
TOTAL AMOUNT OF PAYMENT \$1484			Attorney Docket Number			68.	68.0292			
METHOD OF PAYMENT (Check one)			FEE CALCUI				ALCUL	ATION (continued)	_	
		3. AI	ODITIO	NAL F	EES					
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:			Large	Entity	Small	Entity		Fee Description		Fee Paid
			Entity	Fee	Fee	Fee		r co bescription		
Deposit Account Number 50-0457			Fee Code	(\$)	Code	(\$)				
Deposit Account Name Schlumberger Technology Corp.			105 127	130 50	205 227	65 25		ge - late filing fee or oath ge - late provisional filing		
Channe Ann Additional Fee Benning			1 '-'	00			cover sh			
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17			139	130	139	130		glish specification		
			147	2,520	147	2,520		a request for reexamina		
2. Payment Enclosed:			112	920*	112	920*	Examine			
Check	Urger Orger	Other	113	1840*	113	1840*	Request Examine	ting publication of SIR aft er action	ter	
FEE	CALCULATI	ON	115	110	215	55		on for response within firs		
1. BASIC FILING FEE			116	380	216	190,~	Extension month	on for response within se	cond	
Large Entity Small E	ntity		117	870	217	435	Extension	on for response within thi	rd month	
Fee Fee Fee	Fee Fee Desc	cription	118	1,360	218	680		on for response within fou	ırth	
Code (\$) Code	(\$)	Fee Paid	400	4.050	220	005	month	f:4b:- 6f4		
101 740 201	345 Utility filing		128	1,850	228	925		on for response within fift	n montn	
106 310 206 107 480 207	<ul><li>155 Design filin</li><li>240 Plant Filing</li></ul>		119 120	300 300	219 220	150 150		of Appeal brief in support of an app	ool	
107 460 207	380 Reissue fili		120	260	221	130		t for oral hearing	eai	
114 150 214	75 Provisional		138	1,510	138	1,510		to institute a public use		
SU	JBTOTAL (1)	\$740	140	110	240	55	•	to revive unavoidably ab-	andoned	
2. CLAIMS	Extra	Fee from Fee below Paid	141	1,210	241	605	Petition	to revive unintentionally		
Total Claims			142	1,210	242	605	Utility is:	ned application		<b></b>
	-20 = 18	\$ 18.00 = \$324	143	430	243	215	-	ssue fee		
Independent Claims 8	-3 =   5	\$84.00 = \$420	144	580	244	290	Plant iss			
Multiple Dependent Claims		V4.114	122	130	122	130		to Commissioner		
	L	=	123	50	123	50		s related to provisional		
Large Entity Small E	•	D					applicati	ions		<b>.</b>
Code (\$) Code	(\$)	Description	126	240	126	240	Submiss Stmt	sion of Information Disclo	sure	
103 18 203 102 78 202	9 Claims in extended and second of the se	cess of 20 claims in excess of 3	581	40	581	40	Recording each patent assignment			
104 260 204	130 Multiple depe	endent claims	146	760	246	380		r (times number of proper submission after final rej		
109 78 209	39 **Reissue in original pater	dependent claims over nt					CFR 1.1	29(a))	,	
110 18 210		aim in excess of 20	149	760	249	380		h additional invention to b ed (37 CFR 1.129(b))	be	
		· ·	Other fe	e (specif	y)			•		
SUBTOTAL(2) \$744			Oshar f-	Other fee (specify)				•		
			Outler te	e (specin	y)			SUBTOTAL(3)		
				and burn	nala Ellio :	Fac D-	اسا:	JODIOIAL(J)		
	*Reduced by Basic Filing Fee Paid				IU					
SUBMITTED BY						Complete (if	applicable	)		
Typed or Printed Name Jeffrey E. Griffin								Reg. Number	36,	534
								Deposit Account		
Signature								User ID		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are repured to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR GOVELETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Applicant:

Hart et al.

Attorney Docket No.:

68.0292

Serial No.:

Art Unit:

Filed:

Examiner:

For:

**EXPANDABLE DEVICES** 

Box PATENT APPLICATION
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

#### **CERTIFICATE OF MAILING**

I hereby certify that this Submission of an "Information Disclosure Statement" is being deposited with the United States Postal Service as Express Mail No. EL 037 144 042 US in an envelope addressed to: Assistant Commissioner for Patents, Box 2327, Washington, D.C. 20231.

Joanne Hyland

Date

Applicant:

Hart et al.

Attorney Docket No.:

68.0292

Serial No.:

Art Unit:

Filed:

Examiner:

For:

**EXPANDABLE DEVICES** 

Box PATENT APPLICATION
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

# **CERTIFICATE OF MAILING**

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EL 037 144 042 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Joanne Colyland
Joanne Hyland

Date

Applicant: Hart et al. Attorney Docket No.: 68.0292

Serial No.: Art Unit:

Filed: Examiner:

For: EXPANDABLE DEVICES

Box PATENT APPLICATION
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

#### **CERTIFICATE OF MAILING**

I hereby certify that these drawings are being deposited with the United States Postal Service as Express Mail No. EV 037 144 042 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

John Hyland Date

Applicant:

Hart et al.

Attorney Docket No.:

68.0292

Serial No.:

Art Unit:

Filed:

Examiner:

For:

**EXPANDABLE DEVICES** 

Box PATENT APPLICATION
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

#### **CERTIFICATE OF MAILING**

I hereby certify that this Power of Attorney is being deposited with the United States Postal Service as Express Mail No. EL 037 144 042 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Joanne Hyland

Date